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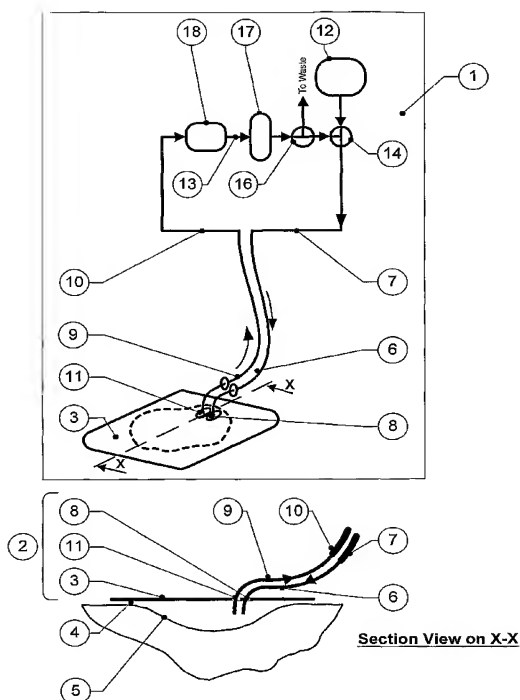
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(54) Title: WOUND CLEANSING APPARATUS WITH STRESS



(57) Abstract: An apparatus for cleansing wounds with means for stressing the wound bed and optionally tissue surrounding the wound, in which irrigant fluid from a reservoir connected to a conformable wound dressing and wound exudate from the dressing are recirculated by a device for moving fluid through a flow path which passes through the dressing and a means for fluid cleansing and back to the dressing. The cleansing means (which may be a single-phase, e.g. micro-filtration, system or a two-phase, e.g. dialytic system) removes materials deleterious to wound healing, and the cleansed fluid, still containing materials that are beneficial in promoting wound healing, is returned to the wound bed. The means for stressing the wound bed and optionally tissue surrounding the wound promotes wound healing. The dressing and a method of treatment using the apparatus.

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